

## **Admission Requirements for Department of Mathematics (Revised)**

<b>M.Sc. (Mathematics)</b>
<ul style="list-style-type: none"><li>• must have a minimum GPA of 3.50 out of 5.00 or a first division or equivalent in any one of S. S. C and H. S. C or in equivalent examinations and must not have a GPA less than 2.00 out of 5.00 or a third division or equivalent in any of the aforementioned examinations.</li></ul>
<ul style="list-style-type: none"><li>• must have at least 50% marks or a minimum GPA of 2.50 out of 4.0 or its equivalent in four-years B.A/B.S./ B. Sc. (Hons)/ B. Sc. Engg./ B.Tech/ M. A or M. Sc. or MSS / B. Arch. / BURP in the relevant branch.</li></ul>
<ul style="list-style-type: none"><li>• For admission to the courses leading to the degree of M.Sc.(Mathematics) an applicant must have a four-years B.S./B.Sc. (Hons) degree in Mathematics having a minimum GPA of 2.5 out of 4.0 or at least 50% marks or its equivalent from any recognized University.</li></ul>
<ul style="list-style-type: none"><li>• The selected candidate may be required to undertake non credit prerequisite courses at the Undergraduate and / or Post Graduate level as may be determined by the BPGS of Glass and Ceramic Engineering Department.</li></ul>

<b>M. Phil (Mathematics)</b>
<ul style="list-style-type: none"><li>• must have a minimum GPA of 3.50 out of 5.00 or a first division or equivalent in any one of S. S. C and H. S. C or in equivalent examinations and must not have a GPA less than 2.00 out of 5.00 or a third division or equivalent in any of the aforementioned examinations.</li></ul>
<ul style="list-style-type: none"><li>• must have at least 50% marks or a minimum GPA of 2.50 out of 4.0 or its equivalent in B. Sc. Engg. / four-year B. A or B. Sc. degree / M. A or M. Sc. or MSS degree in the relevant branch.</li></ul>
<ul style="list-style-type: none"><li>• For admission to the course leading to the award of M. Phil. in Mathematics, an applicant must have obtained a four-year B.A / B. Sc. degree or M. A / M. Sc. degree with Honours in Mathematics or Applied Mathematics. Applicants with M. Sc. degree in Physics or B. Sc. Engineering degree are also eligible provided they complete some prerequisite courses in Mathematics as determined by a Selection Committee. An applicant with M. A / M. Sc. but not having a Bachelor</li></ul>

(honours) degree in mathematics, applied mathematics or physics should have a first class ( or equivalent) in the M. A / M. Sc. degree.

The selected candidate may be required to undertake non credit prerequisite courses at the undergraduate and / or post graduate level as may be determined by the BPGS of Materials and Metallurgical Engineering Department.

### **Ph.D. (Mathematics)**

- must have a minimum GPA of 3.50 out of 5.00 or a first division or equivalent in any one of S.S.C. and H.S.C. or in equivalent examinations and must not have a GPA less than 2.00 out of 5.00 or a third division or equivalent in any of the aforementioned examinations.
- For Mathematics, the minimum qualification for admission shall normally be a four-year Bachelor's degree plus three-semester M.Sc./ M.S. degree with thesis / four-years Bachelor's degree plus two semester M.Sc/M.S with thesis / M. Phil. degree in Mathematics/ Applied Mathematics or its equivalent from any recognized Institution
- For Mathematics, the minimum qualification for admission shall normally be a four-year Bachelor's degree plus three-semester M.Sc./ M.S. degree with thesis / four-years Bachelor's degree plus two semester M.Sc/M.S with thesis / M. Phil. degree in Mathematics/ Applied Mathematics or its equivalent from any recognized Institution.

**OR**

M.Sc. Engg. degree provided he completes some prerequisite courses in Mathematics as determined by a Selection Committee.

A candidate enrolled in the Ph.D program having two semester M.Sc/M.S. degree with thesis have to complete additional courses of 12 Credit Hours with minimum GPA of 2.75 out of 4.